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Substitute for form 1449/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheets as necessary)				Complete if Known	
				Application Number	10/661,515
				Filing Date	September 15, 2003
				First Named Inventor	KIM, Young Kug
				Art Unit	1734
				Examiner Name	George R. KOCH
Sheet	1	of	1	Attorney Docket Number	8733.869.00

U.S. PATENT DOCUMENTS					
Examiner Initials*	Cite No. ¹	Document Number Number-Kind Code ² (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
GRC	AA	2002/0062787-A1	05/30/2002	Hashizume et al.	
	AB	6,190,488- B1	02/20/2001	Tada et al.	
	AC	2001/0004281-A1	06/21/2001	Sasaki	
	AD	2002/0043344-A1	04/18/2002	Watanabe et al.	
	AE	6,023,313	02/08/2000	Hazama	
	AF	2002/0008838-A1	01/24/2002	Matsuda	

FOREIGN PATENT DOCUMENTS						
Examiner Initials*	Cite No. ¹	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ⁶
		Country Code ³ -Number ⁴ -Kind Code ⁵ (if known)				
GRC	BA	DE-3902255-A1	08/02/1990			
GRC	BB	JP-08087020-A (with English Abstract)	04/02/1996	Ushio Inc.		
GRC	BC	JP-06214204-A (with English Abstract)	08/05/1994	Canon Inc.		
GRC	BD	JP-2002229471-A (with English Abstract)	08/14/2002	Anelva Corporation		

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NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
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DC:50417136.1

Examiner Signature		Date Considered	7/24/06
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